MASTER TL5 High Efficiency

MASTER TL5 HE 14W/840 1SL

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

Product data

- General Characteristics

System Description	High Efficiency
Cap-Base	G5
Cap-Base Information	Green Plate
Bulb	T5 [16 mm]
Life to 10% fail Preheat EL,3h	19000 hr
Life to 50% fail Preheat EL,3h	24000 hr
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	99 %
LSF HF Preheat 6000h Rated,3h	99 %
LSF HF Preheat 8000h Rated,3h	99 %
LSF HF Preheat 12000h Rated,3h	99 %
LSF HF Preheat 16000h Rated,3h	97 %
LSF HF Preheat 20000h Rated,3h	84 %

- Light Technical Characteristics

Colour Code	840 [CCT of 4000K]
Colour Rendering Index	80 (min), 82 (nom), 85 (max) Ra8
Colour Designation	Cool White
Colour Temperature	4000 K
Luminous Flux EL 25°C, Rated	1200 Lm
Luminous Flux EL 25°C, Nominal	1200 Lm
Luminous Flux Lamp EL 35°C	1350 Lm
Lum Efficacy Rated HF 25°C	86 Lm/W
Lum Efficacy Rated HF 35°C	99 Lm/W
LLMF HF 2000h Rated	96 %
LLMF HF 4000h Rated	95 %
LLMF HF 6000h Rated	94 %
LLMF HF 8000h Rated	93 %
LLMF HF 12000h Rated	92 %
LLMF HF 16000h Rated	91 %
LLMF HF 20000h Rated	90 %
Design Temperature	35 C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	380 -

- Electrical Characteristics

Lamp Wattage	14 W
Lamp Wattage EL 25°C, Rated	14.0 W
Lamp Wattage EL 25°C, Nominal	14 W
Lamp Wattage EL 35°C	13.7 W
Lamp Voltage EL 25°C	86 V
Lamp Voltage EL 35°C	82 V

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Lamp Current EL 25°C	0.165 A
Lamp Current EL 35°C	0.170 A
Dimmable	yes

- Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	15 kWh

- Measuring Conditions

Calibration Current	0.170 A
HF Generator Rated Voltage	167 V
Resistor	500 ohm

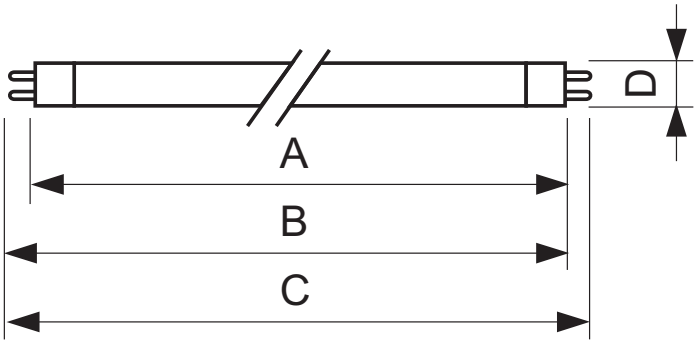
- Product Dimensions

Base Face to Base Face A	549.0 (max) mm
Insertion Length B	553.7 (min), 556.1 (max) mm
Overall Length C	563.2 (max) mm
Diameter D	17 (max) mm

- Product Data

Order code	639400 55
Full product code	871150063940055
Full product name	MASTER TL5 HE 14W/840 1SL
Order product name	MASTER TL5 HE 14W/840 1SL/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500639400
Bar code on outerbox - EAN3	8711500867483
Logistic code(s) - 12NC	927926084055
ILCOS code	FDH-14/40/1B-L/P-G5-16/550
Net weight per piece	40.730 gr

Dimensional drawing



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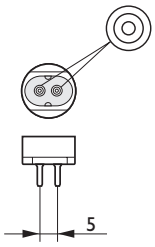
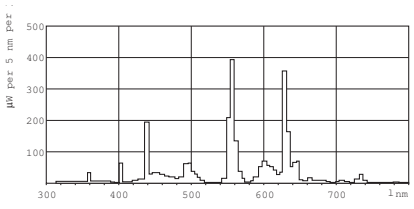
Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 14W/840/GP HE	549.0	553.7	556.1	563.2	17

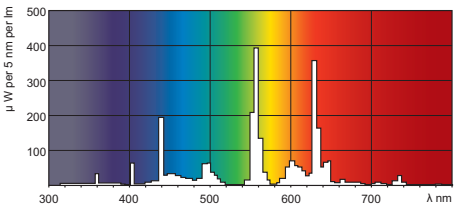


G5

Photometric data



Lightcolour /840



Lightcolour /840

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data subject to change